

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Juergen Frosien

Serial No.: 10/578,206

Confirmation No.: 2758

Filed: November 4, 2004

For: BEAM OPTICAL COMPONENT  
FOR CHARGED PARTICLE  
BEAMS

www.ck12.org

Group Art Unit: 4183

Examiner: Hanway Chang

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

**Dated:**

**Signature:**

(Keith M. Tackett)

Dear Sir:

**RESPONSE TO FINAL OFFICE ACTION DATED JUNE 23, 2009**

In response to the Final Office Action dated June 23, 2009, having a shortened statutory period for response set to expire on September 23, 2009, please enter this response and reconsider the claims pending in the application for the reasons discussed below.

Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/ZIMR/0038US/KMT, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**The Pending Claims** are reflected in the listing of claims which begins on page 2 of this paper. **Remarks** begin on page 6 of this paper.